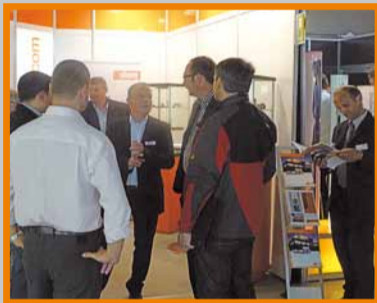


# news

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Schwanog makes it fit:

## Adapters available for every base holder system!

Schwanog has established its tool holder systems in all major world markets with the message "Plunge-cutting instead of single-point turning". Custom ground or EDM wire-cut profiles according to customer drawings frequently facilitate unit cost reductions of up to 40 %.

In recent years, increased enquiries have been received from customers who carry holder systems other than Schwanog's on their machines, but prefer to work with Schwanog insertable form tools.

A good example for this is the Peterson Tool system, which is mainly known in markets such as the USA, Mexico and South America. Because of the strong

demand from these areas, Schwanog developed adapters (insert holders) which can be applied to any Peterson Tool holder system and immediately enables the use of Schwanog WEP and PWP insertable form tools.

In principle, Schwanog can offer an adapter to suit every base holder system available on the market.

**Take advantage of the original Schwanog technology for targeted productivity increases!**



## EDITORIAL:



### Dear Business Partners,

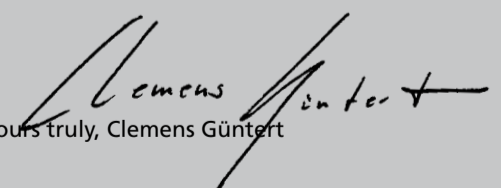
The exhibitions, Turning Days in Villingen-Schwenningen and PMTS 2011 in Columbus, Ohio were a reflection of the current positive situation in the market. Top visitor numbers, high quality dialogues and solid project enquiries made both exhibition appearances a success for Schwanog.

Read about the WSI system, which contributes towards a distinct reduction in unit cost as a result of ID grooving and turning as well as the combination of both of these applications. The article by Ludvik Sochor, Manager of Schwanog Czech Republic is an example of successful networking. The partnership with the Tajmac Group is continuously productive and could be intensified even more due to the "Customer Days" in Zlin.

Today, we are introducing you to our team member Barbara Hahn, who is responsible for the area of production planning and scheduling. The second technology dealt with in this issue devotes itself to form drilling, with which Schwanog has revealed distinct productivity advances in countless applications for its customers.

Let us jointly take advantage of the noteworthy potentials which become available as a result of optimizing your production processes with the Schwanog systems.

We look forward to your challenges!

  
Yours truly, Clemens Güntert

Turning Days and PMTS:

## Large number of visitors and positive atmospheres at both exhibitions!

The Turning Days in Villingen-Schwenningen have lived up to their name and has established itself as the distinctive exhibition for the German turned part manufacture.

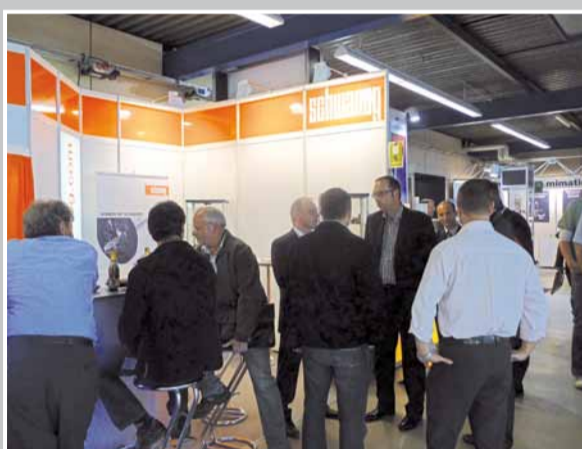
The Schwanog team displayed its enthusiasm over the large numbers of professional visitors with solid project enquiries. Thanks to the 3-D product animation displayed at the booth and the versatile application examples, it was possible consulting with the visitors directly at the booth, agreeing on important application and machining process details. Special interest received the new WSI system, which

enables ID grooving and ID turning in a single process as well as the PWP /PWP-D form drill system.

The positive economic development in the USA is evident and expressed itself by the large number of visitors at the PMTS in Columbus.

Holger Johannsen and his team were able to generate numerous new leads and gained firm orders.

The new trade show appearance, which was joined by partner company Göltenbodt, proved successful. Striking, application examples attracted the attention of the visitors, thus delivering great levels of attentiveness.



Schwanog WSI System:

## ID grooving, turning or a combination of both!

Schwanog closes a productivity gap in the marketplace with its new WSI system, enabling users to reduce unit cost by up to 40 %.

ID grooving (of complex contours), turning or combination of both of these applications is the secret for the success of the new system generation.

The tool holders carry coolant through feature and can be applied for ID's > 2 mm.

The lengths of ID plunge carbide inserts can be variable adjusted in the Z-axis through a set screw, therefore providing optimum rigidity and functionality during set up and tool changeover.

The repeatability of the WSI system is < 0.02 mm.



### Your benefits:

- ID grooving and turning or a combination of both
- Variable length adjustment of insert in the Z-axis
- Reduction of unit cost by up to 40 %

Schwanog - Czech Republic:

## Perspective-rich "Customer Days" at Tajmac in Zlin!

At the invitation of Tajmac, Schwanog took part in the "Customer Days" in Zlin, Malenovice / Czech Republic.

With a work force of approximately 2,500 people and companies in the Czech Republic, France, the USA, United Kingdom and Germany, Tajmac belongs to the leaders in the industry.

The equipment manufacturer Tajmac uses Schwanog tools in multi-spindle automatic lathes such as the MORI-SAY TMZ 6/42 CNC as well as in swiss-type automatic lathes by Manurhin.

Schwanog used the "Customer Days" in Zlin on April 14 and 15, 2011 to introduce visitors to the potentials of reducing unit cost as a result of using the Schwanog form tool system. More than 400 visitors, mainly from the Czech Republic and Slovakia demonstrated their enthusiasm about the individual tooling solutions and efficiency of the Schwanog precision tools.

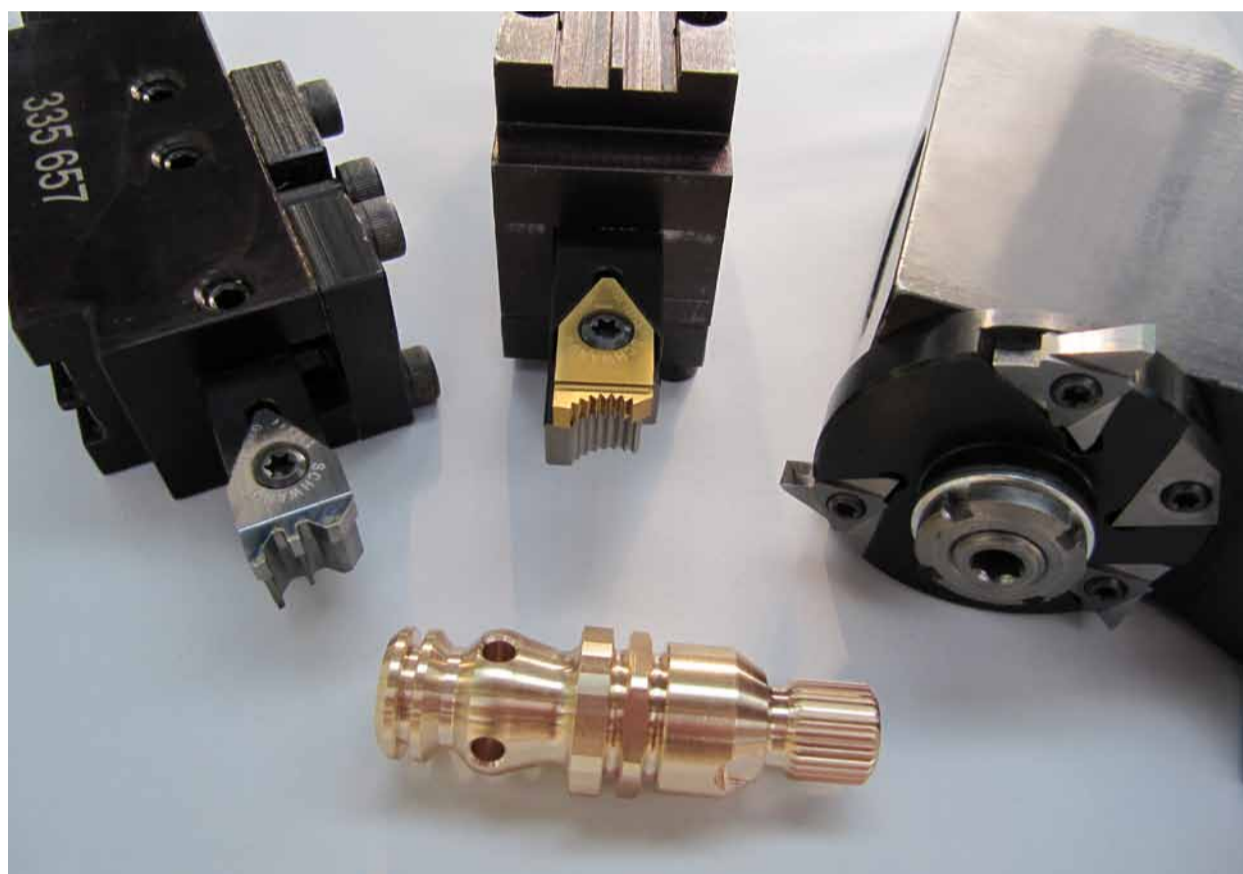
As a result, Schwanog was able to provide a live demonstration on a Manurhin series KMX Swing swiss-type lathe to the interested visitors. For this precision part three different Schwanog applications were applied: OD plunge-cutting and broa-



ching of serrations with the PWP system and polygon-turning with the WEP system. During the process, Schwanog's staff member Ludvik Sochor was repeatedly surprised about the responses of the visitors. Because, due to the Schwanog form tool system, it was possible to increase productivity, resulting in part cost reduction of up to 40%.

Schwanog and Tajmac have agreed to arrange new projects, to continue promoting their collaboration in the future.

We thank Tajmac for the invitation and looking forward to attend the next "Customer Days" event.



Schwanog inside:

## Barbara Hahn, contact partner for order scheduling matters!

For the last seven years, Barbara Hahn has been an important link between the Schwanog customers worldwide and production.

As an experienced member of the Schwanog staff, Barbara Hahn is responsible for production planning, scheduling, order status and processing matters. "Not an easy task these days", Barbara Hahn admits, but she enjoys the work and the contact with the customers, as it is rich in variety and demanding at the same time.

If the markets continue to grow worldwide as they currently do, flexibility and the best possible coordination of incoming orders are required:

"The quicker the design details are solved, the earlier I can schedule the order in production."

What motivates Barbara Hahn in her job, despite the high demands she currently experiences are the understanding customers and the pleasant working atmosphere at Schwanog. According to Barbara Hahn, it is always cooperative and friendly, even where extra work and deadline pressures are involved.

In her spare time, Barbara Hahn finds her balance from the day-to-day business at Schwanog mainly in sport activities such as skiing, in-line skating, hiking and jogging and her two daughters age 13 and 17 ensure that her everyday private life is at least as exciting as her life at Schwanog.



Reducing unit cost by up to 40 %:

## Form drilling with the Schwanog PWP and PWP-D system!

Plunge-cutting with Schwanog instead of single-point turning has proven itself in countless applications with unit cost reductions of up to 40 %.

With its insertable form drilling system, Schwanog is offering an equally efficient and cost-saving solution, due to the fact that only the insertable carbide tool is ground and not the entire solid carbide drill. With the insertable form drill which is individually ground according to a customer drawing we can hold a minimum tolerance of  $\pm 0.02$  mm. To complement the PWP system, we added the PWP-D system to our line of products which offers wider inserts, achieving drill diameter up to  $\varnothing 28$  mm.

The Schwanog form drill system is available in various carbide grades.

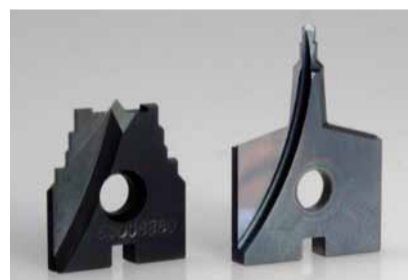
Other advantages of the insertable form drill are elimination of set-up time during tool changeovers as the Schwanog insert holder stays untouched in the machine while changing the insert over as the center height stays unchanged compared to a solid drill as well as lesser coating costs of the insertable drill versus the entire solid carbide drill due to the smaller size.

**Form drilling with Schwanog. Wider. More efficient. Lowers costs!**



### Advantages:

- Increased productivity by 80 %
- Reduction of unit cost by up to 40 %
- Elimination of set-up time during tool changeovers
- Distinctly lower coating costs



Application examples - PWP-D system    Application examples PWP system

Mark your calendar:

## Exhibition Preview EMO 2011!

EMO 2011 in Hanover is the next highlight in the Schwanog exhibition calendar.

As the focal point of the exhibition appearance, Schwanog will present various new adapters (insert holders) which can be applied to any base holder system. This gives customers the opportunity in the future of profiting from the Schwanog technology, even if other systems are already pre-installed on their machinery. In addition, the latest application examples from all twelve product lines are available.

Please make a note of it!

Welcome to Schwanog!



**EMO**  
**Hannover**  
19-24.9.2011



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